

## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449		ATTY. DOCKET NO. 200310345-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Darwin Mitchel Hanks et al		
(Use several sheets if necessary)		FILING DATE Herewith	GROUP	

## REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A	2002/0048241	Apr 25, 2002	Kumagai et al	
	1B	6,501,718 B1	Dec 31, 2002	Ono et al	
	1C	5,317,337	May 31, 1994	Ewaldt	
	1D	6,109,324	Aug 29, 2000	Bugner et al	
	1E	2003/0108708	Jun 12, 2003	Anderson et al	
	1F	2003/0107959	Jun 12, 2003	Norton et al	
	1G	2002/0046177	Apr 18, 2002	Oshima et al	
	1H	5,518,325	May 21, 1996	Kahle	
	1I	5,616,447	Apr 01, 1997	Arioka	
↓	1J	6,020,977	Feb 01, 2000	Kim	
	1K	6,074,031	Jun 13, 2000	Kahle	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
CL	1L	JP 9-123607	May 13, 1997	Dainippon Printing		
	1M	JP2000155989	Jun 06, 2000	Star Micronics Co		
	1N	JP 9-265760	Oct 07, 1997	Seiko Epson Corp		
↓	1O	JP 11-003543	Jan 06, 1999	NEC Corp		
	1P	JP 9-306144	Nov 28, 1997	Hitachi Computer		

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER <i>/Christopher Lamb/</i>	DATE CONSIDERED <i>10/19/2006</i>
---------------------------------------	--------------------------------------

IDS - 09/12/2003

## PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449		ATTY. DOCKET NO. 200310345-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Darwin Mitchel Hanks et al		
(Use several sheets if necessary)		FILING DATE Herewith	GROUP	

## REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	2A	2002/0191517	Dec 19, 2002	Honda et al	
	2B				
	2C				
	2D				
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
CL	2L	JP 10-320963	Dec 04, 1998	NEC Shizuoka Ltd		
CL	2M	JP2000173238	Jun 23, 2000	Ricoh Co, Ltd		
CL	2N	JP2000173096	Jun 23, 2000	Mitsui Chemicals		
CL	2O	JP 9-123606	May 13, 1997	Dainippon Printing		
CL	2P	JP2002216396	Aug 02, 2002	Ricoh Co, Ltd		

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

EXAMINER

/Christopher Lamb/

DATE CONSIDERED

11/07/2006

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Approved for use through 07/31/2006, OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
is a collection of information; it contains a valid OMB control number

**Complete if Known**

Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/661,189
Filing Date	Sept 12, 2003
First Named Inventor	Darwin Mitchel Hanks
Art Unit	2655
Examiner Name	
Attorney Docket Number	200310345-1

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code <sup>1</sup> "Number" "Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T#
CL	JP 59-112464 A		06-28-1984	Hitachi Ltd	see PAJ	
	JP 62-075270 A		04-07-1987	Toshiba Corp	see PAJ	
	JP 01-151031 A		06-13-1989	NEC Home Electronics	see PAJ	
	JP 08-180499 A		07-12-1996	Matsushita Electric	see PAJ	
✓	JP 59-89462		06-16-1984		no Abstract avail.	
✓	JP 3-121588		12-12-1991		no Abstract avail.	

**EXAMINER:** Initial # reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 891.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)." For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. "Applicant is to place a check mark here if English language

Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND INQUIRIES, COMMUNICATIONS FOR PETITIONS, P.R.C. FORMS AND RELATED INFORMATION TO: COMMUNICATIONS FOR PETITIONS, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-P199 (1-800-786-9199) and select option 2.

PTO/SB/08A (07-05)

Approved for use through 07/31/2008. OMB 0831-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete It Known**

Application Number	10/661,189
Filing Date	Sept 12, 2003
First Named Inventor	Darwin Mitchel Hanks
Art Unit	2655
Examiner Name	
Attorney Docket Number	200310345-1

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code* Number* Kind Code* (if known)		Pages, Columna, Lines, Where Relevant Passages Or Relevant Figures Appear
CL	JP 11-134648 A	05-21-1999	Sony Corp	see PAJ
CL	JP 2002-203321 A	07-19-2002	Yamaha Corp	see PAJ
CL	JP 2003-051118 A	02-21-2003	Sony Corp	see PAJ

Examiner Signature	/Christopher Lamb/	Date Considered	11/08/2006
-----------------------	--------------------	--------------------	------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). <sup>1</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Kind of document as indicated on the document under WIPO Standard ST.18 if possible. <sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 USC, 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

or for Patients, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.